



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of:

) Attorney Docket No.: E-906

RAYMOND G. MATHER

) Group Art Unit: 3623

Serial No.: 09/475,364

) Examiner: A. Robinson Boyce

Confirmation No.: 6248

) Customer No.: 00919

Filed: December 30, 1999

) Date: April 26, 2004

Title: **METHOD AND SYSTEM FOR TRACKING DISPOSITION STATUS  
OF AN ITEM TO BE DELIVERED WITHIN AN ORGANIZATION**

**SUBMISSION OF FORMAL DRAWINGS**

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**GROUP 3600**

Sir:

Please replace the drawings originally filed in the above-identified application with the attached nineteen (19) sheets of formal drawings.

Respectfully submitted,

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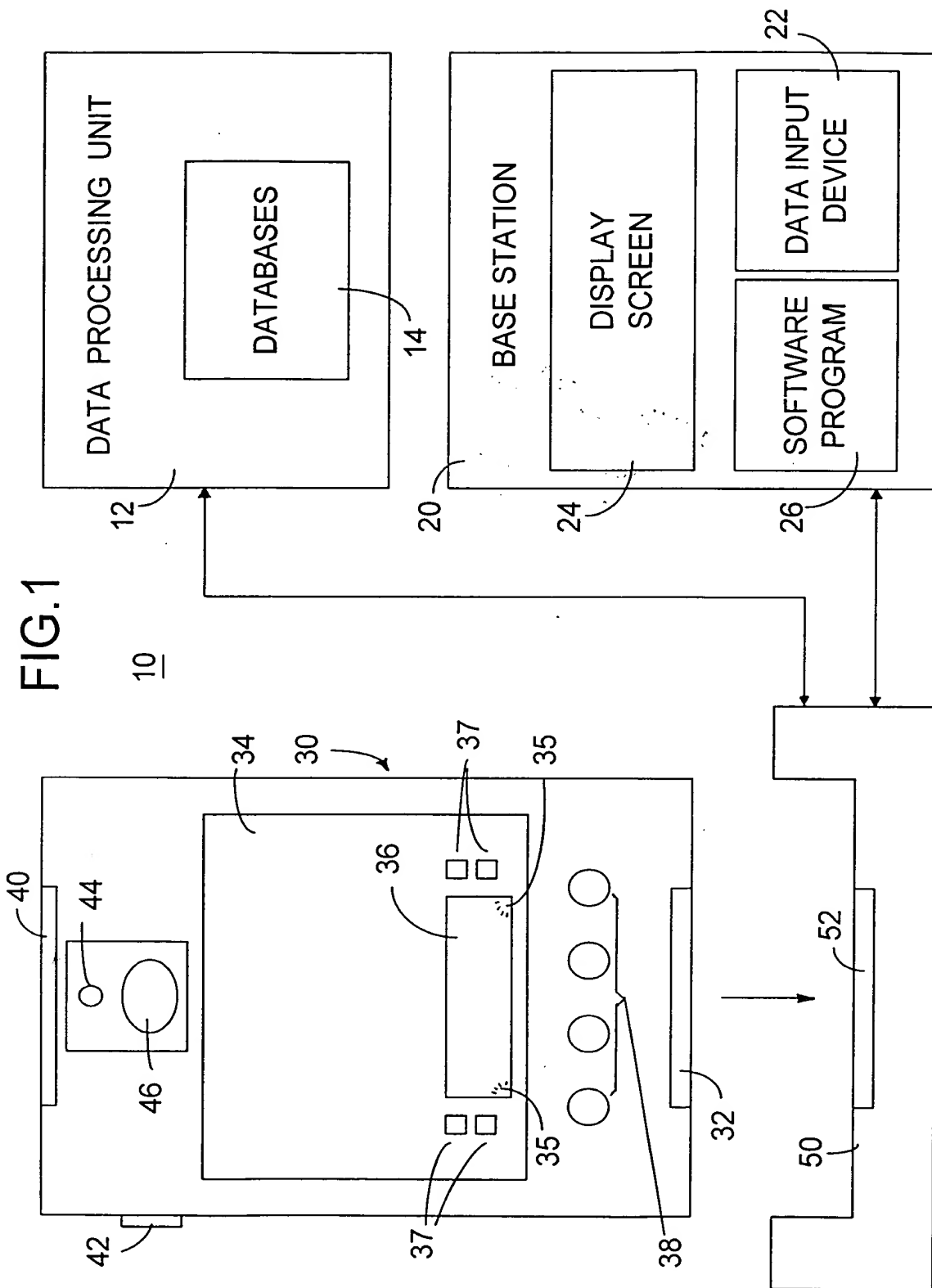
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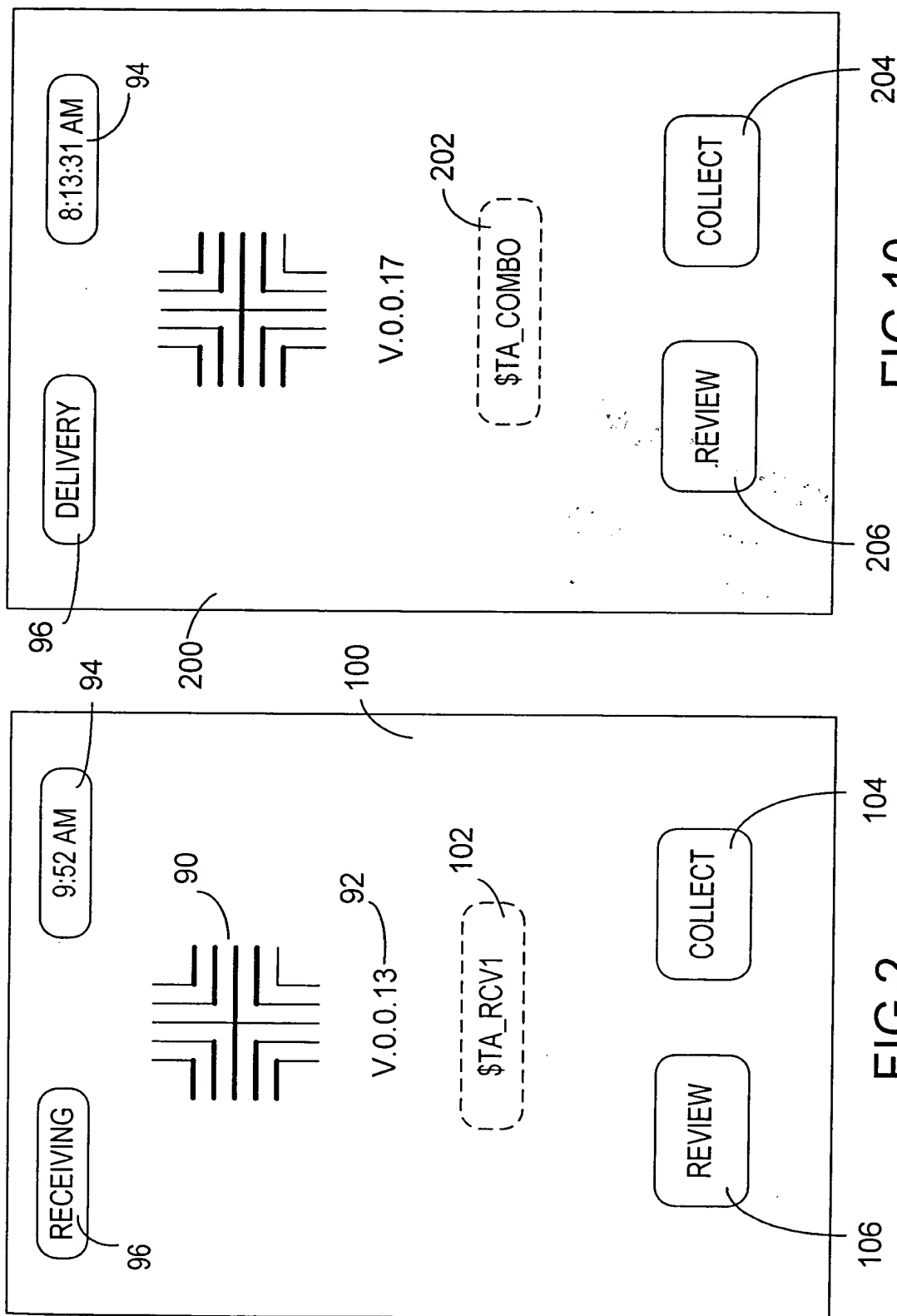


FIG. 2

FIG. 10

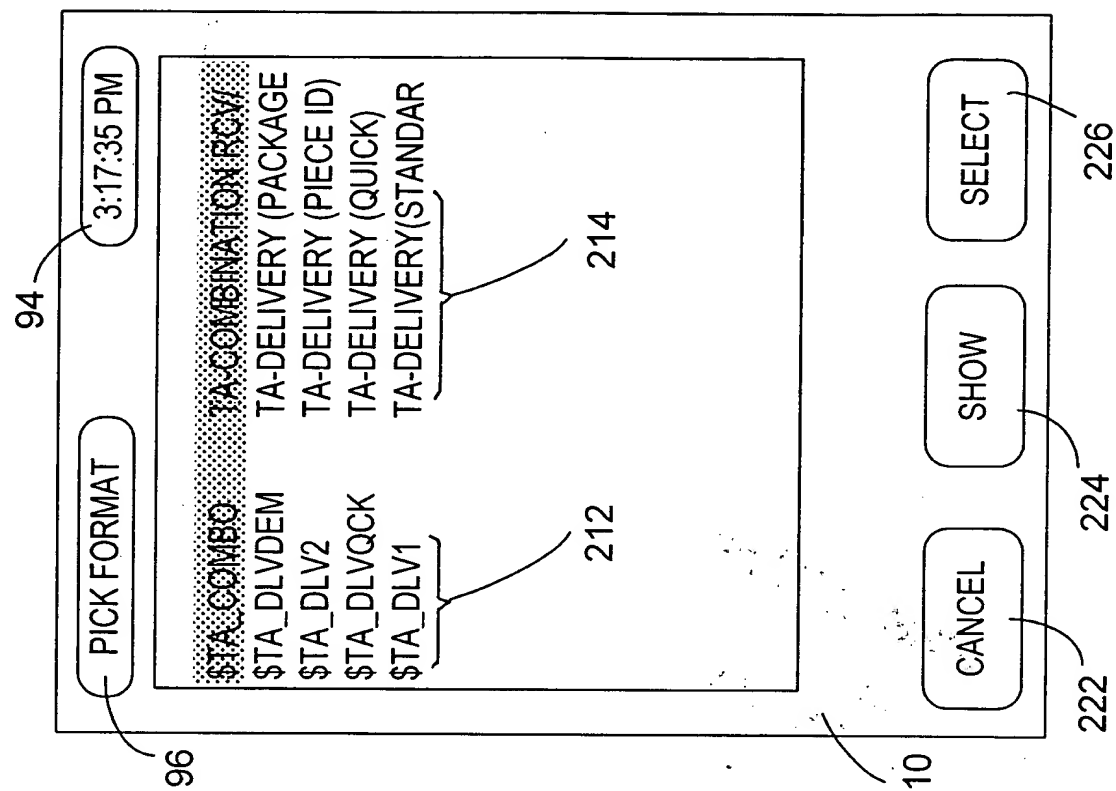


FIG. 11A

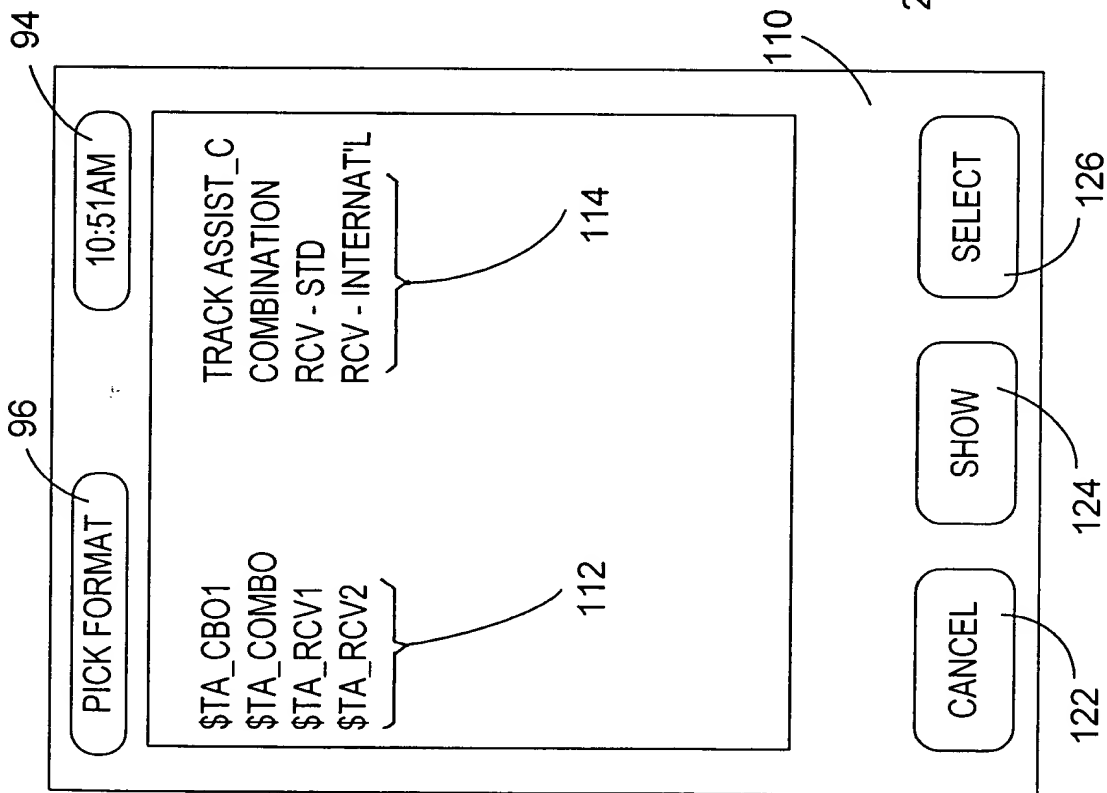


FIG. 3A



<u>RCV2</u>	<u>RCV1</u>	<u>RCV3</u>	<u>RCVPO</u>	<u>RCVQCK</u>
CARRIER	CARRIER	CARRIER	CARRIER BARCODE	CARRIER
EMPLOYEE NAME	SENDER NAME	CARRIER BARCODE	CARRIER	CARRIER BARCODE
CARRIER BARCODE	EMPLOYEE NAME	EMPLOYEE NAME	SENDER NAME	
	CARRIER BARCODE		PO NUMBER	
			EMPLOYEE NAME	
			REF. NOTES	

FIG.3B

<u>COMBO</u>	<u>DVLDEM</u>	<u>DVL2</u>	<u>DLVQCK</u>	<u>DVL1</u>
CARRIER BARCODE	CARRIER BARCODE	PACKAGE ID	TRACKING NUMBER	EMPLOYEE NAME
CARRIER	EMPLOYEE NAME	DELIVERED TO:	DELIVERED TO:	CARRIER BARCODE
EMPLOYEE NAME	SENDER NAME			DELIVERED TO:
PO NUMBER				

FIG.11B



96

FORMAT CONTENTS

TA\_RCV1132

CARRIER BARCODE  
CARRIER  
EMPLOYEE NAME  
SENDER NAME

134

( 40  
( 4  
( 30  
( 4

135

136

DETAIL

138

RETURN

FIG.4

96

FORMAT DETAILS

FIELD : UTEXT6

SEQUENCE # : 1

TEXT PROMPT

CARRIER BARCODE

SIZE : 40☐ CARRY FORWARD

☐ DUPS ALLOWED☐ REQUIRED

☐ POPUP FILE

140

142

RETURN

FIG.5



96

RECEIVE PARCEL Pg 2 of 2 9:57:47 AM

94

TOTAL : 0 CURRENT : 0 (RESET)

164

CARRIER

154

150B

FIG.6B

96

RECEIVE PARCEL Pg 1 of 2 9:56:04 AM

94

TOTAL : 0 CURRENT : 0 (RESET)

164

CARRIER

153

152

150A

SENDER NAME

EMPLOYEE NAME

153

156

158

160

162

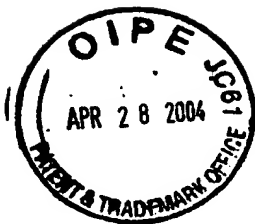
CLEAR

REVIEW

SAVE

↓

FIG.6A



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94 1:08 PM

CARRIER

ARB BURL BURL AIRBORNE  
CONS CONS BURLINGTON  
DHL DHL CONSOLIDAT  
EMER EMER DHL WORLD  
FEX FEX EMERY  
FILM FILM FEDERAL EX  
LPS LPS FILM TRANS  
LANTER CO

ENTRY :

CANCEL ADD SELECT

170 171 172 173 174 175 176 177 178

FIG.7

94 2:09:56 PM

REVIEW RECEIPTS

ARB FIRE SEMIMAT

CARRIER:[ARB], SENDER NAME:[ FIRE  
SEMIMATIC SUPPLY CO ], EMPLOYEE :

ENTRY :

RETURN

180 181 182 183 184 185 186 187 188

FIG.8





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The figure shows a screenshot of a data entry interface. At the top left is a button labeled "ADD RECORD" (96). To its right is a timestamp "8:36:51AM" (94). Below these is a label "SENDER NAME" (154) with a dashed line indicating an input field. To the right of the SENDER NAME field are two columns: "COLUMN 2" (190) and "COLUMN 3" (192), separated by a solid line. At the bottom of the form are two buttons: "CANCEL" (194) on the left and "SAVE" (196) on the right. An upward-pointing arrow is located to the right of the SAVE button.

FIG.9

Figure 1 is a schematic diagram of a handheld device 100. The device includes a screen 102 and a keypad 114. The screen 102 displays a delivery status screen. At the top of the screen is a status bar 104 showing "COMPLETE DELIVERY" and "9:51:37 AM". Below this is a header 106 that reads "# PARCELS THIS DELIVERY: 1". The main area of the screen is divided into two sections. The top section, labeled "DELIVERED TO:", contains a dashed line 108 and a small icon 110. The bottom section, labeled 262, contains a large rectangular area 112. To the right of the screen is a physical keypad 114 with three buttons: "CANCEL" (116), "LIST" (118), and "SAVE" (120). The device is labeled 96 and 264.

FIG. 13

Figure 2 is a schematic diagram of a handheld device screen 250. The screen displays a "PARCEL DELIVERY" application. At the top, it shows "Pg 1 of 1" and a timestamp "8:48:35 AM". Below this is a horizontal line. The main display area is divided into sections: "TOTAL DELIVERED: 0" and "CURRENT: 0" on the left; "EMPLOYEE NAME" followed by a dashed line input field on the right; and "CARRIER BARCODE" followed by another dashed line input field. At the bottom, there are three buttons: "CLEAR", "LIST", and "RECORD". To the right of these buttons is a "DELIVER" button. A small icon of a handheld device is shown to the left of the screen, with a dashed line indicating the screen area.

FIG. 12

94 11:45:05 AM

96 USER LOGIN

CURRENT USER :

NEW USER

PASSWORD

290

294 LOGOUT

296 LOGIN

FIG.15

94 8:23:01 AM

96 DELIVERY LIST

ALICARDRO DEBBIE 8541258

282

290

283

280 EMPLOYEE NAME: [ALICARDRO

DEBBIE ], CARRIER BARCODE [8541258]

ENTRY :

284

286 REMOVE

287 ADD PARCEL

288 RETURN

FIG.14

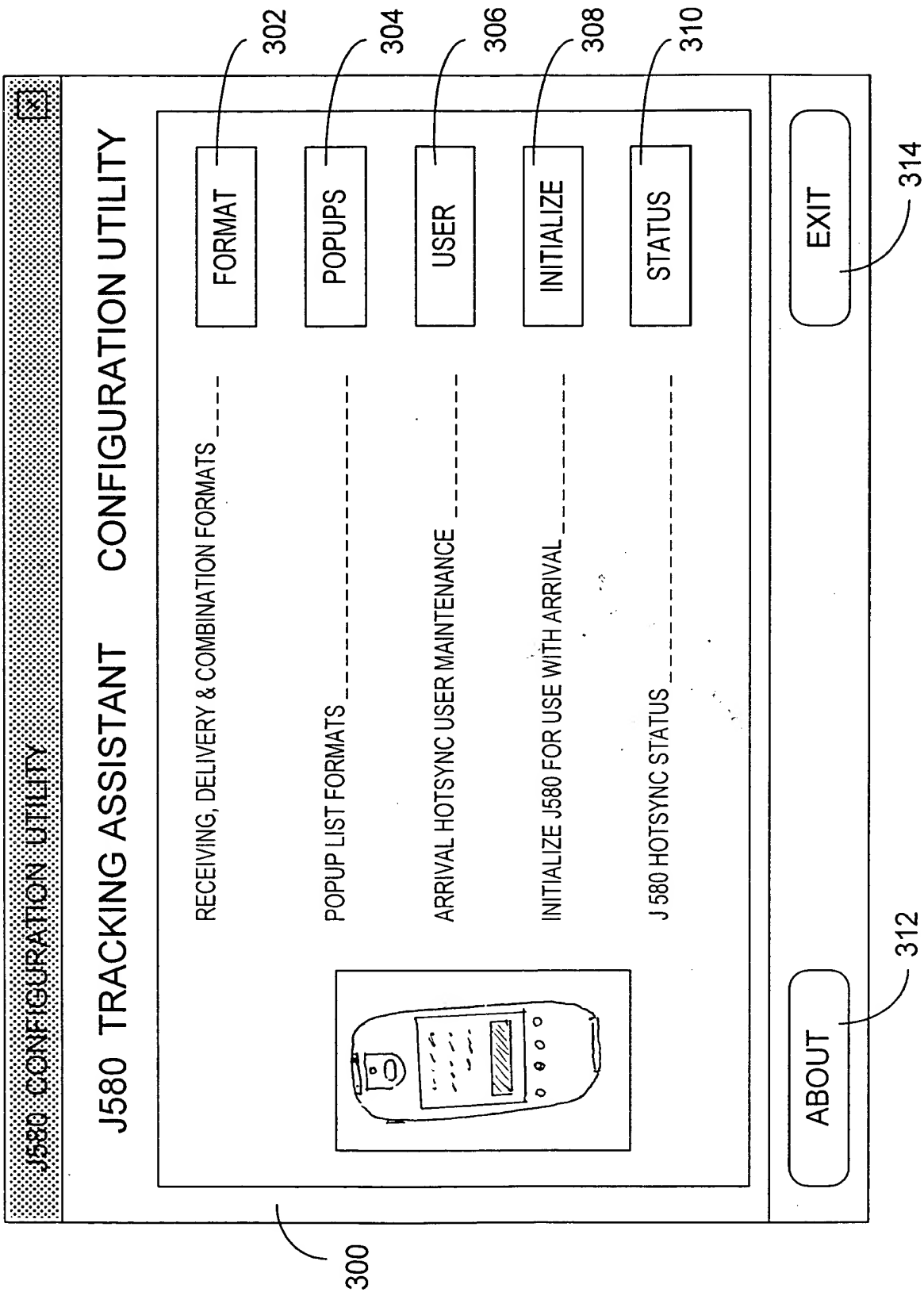


FIG. 16



DATA COLLECTION FORMAT GENERATOR - RECEIVING & DELIVERY

\$TA\_COMBO: TA-COMBINATION RCV/DLV

GENERAL

PACKAGE DETAILS

DELIVERY DETAILS

FORMAT CODE .....  
\$TA\_COMBO

FORMAT NAME .....  
TA\_COMBINATION RCV/DLV

FORMAT TYPE .....  
COMBINATION

CONTROLLING INDEX ..  
CARRIER CODE

POUCH UPDATES .....

POUCH FIELDS .....

<< < > >> ADD EDIT DELETE LIST CLOSE

FIG.17



FIG. 18 is a screenshot of a software interface for a "FORMAT LIST". The interface is divided into two main sections: a list of codes and a list of names, both contained within a larger frame labeled 350.

The "CODE" section (labeled 352) contains the following items:

- STA\_COMBO
- STA\_DLV1
- STA\_DLV2
- STA\_DLVDEM
- STA\_DLVQCK
- STA\_RCV1
- STA\_RCV2
- STA\_RCV3
- STA\_RCVPO

The "NAME" section (labeled 354) contains the following items:

- TA-COMBINATION RCV/DELV
- TA-DELIVERY (STANDARD)
- TA-DELIVERY (PIECE ID)
- TA-DELIVERY (PACKAGE DTLs)
- TA-DELIVERY (QUICK)
- TA-RECEIVE (CAR/SND/EMP/TRK)
- TA-RECEIVE (CAR/EMP/TRK)
- TA-RECEIVE (CAR/TRK/EMP)
- TA-RECEIVE (PURCHASE ORDERS)

At the bottom of the interface, there are two buttons: "OK" (labeled 356) and "CANCEL" (labeled 358).

FIG. 18



DATA COLLECTION FORMAT GENERATOR - RECEIVING & DELIVERY

### ADDING NEW SCRIPT...

GENERAL

PACKAGE DETAILS

DELIVERY DETAILS

FORMAT CODE .....

FORMAT NAME .....

FORMAT TYPE ..... ▾

CONTROLLING INDEX .. ▾

POUCH UPDATES ..... NO

POUCH FIELDS ..... ▾

SAVE

CANCEL

322 328 330 332 336 320 324 326 347 349

FIG.19

DATA COLLECTION FORMAT GENERATOR - RECEIVING & DELIVERY

**\$TA\_COMBO: TA-COMBINATION RCV/DLV**

GENERAL PACKAGE DETAILS DELIVERY DETAILS

SELECTED FIELDS: AVAILABLE FIELDS:

DATE/TIME CAPTURED FROM THE J580 TRACKING ASSISTANT ....

USER ID CAPTURED FROM THE J580 TRACKING ASSISTANT .....

PROPERTIES

ADD EDIT DELETE LIST CLOSE

FIG.20



**EDIT FIELD PROPERTIES - PACKAGE DETAILS**

**FIELD PROPERTIES - PACKAGE DETAILS**

PROMPT 374

ALLOW 374

CARRY FORWARD

REQUIRED 378

POPUP LIST 380

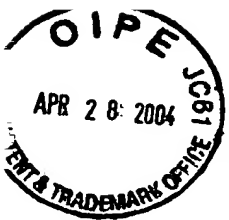
POPUP SCRIPT 382

CARRIER BARCODE	NO	YES	NO	YES	NO	YES	NO	YES
CARRIER		YES		NO		NO		YES
EMPLOYEE NAME		YES		NO		NO		YES
PO NUMBER		YES		NO		NO		YES

SCRIPT: \$TA\_COMBO-TA-COMBINATION RCV/DLV  
 FIELD: UTEX16 - CARRIER BARCODE

**FIG 21**

**FIG. 21**



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DATA COLLECTION FORMAT GENERATOR RECEIVING & DELIVERY

**\$TA\_COMBO: TA-COMBINATION RCV/DLV**

GENERAL PACKAGE DETAILS DELIVERY DETAILS

SELECTED FIELDS: 394 AVAILABLE FIELDS: 398

DATE/TIME CAPTURED FROM THE J580 TRACKING ASSISTANT ....

USER ID CAPTURED FROM THE J580 TRACKING ASSISTANT .....

DELIVERY DATE/TIME

DELIVERY CLERK

PROPERTIES

<< < > >> ADD EDIT DELETE LIST CLOSE

FIG.22



376

EDIT FIELD PROPERTIES - PACKAGE DETAILS [X]

372 PROMPT 374 ALLOW DUPPLICATES 380 REQUIRED CARRY FORWARD POPUP LIST POPUP SCRIPT 382

FIELD PROPERTIES - PACKAGE DETAILS

DELIVERED TO	YES	NO	NO	YES	\$TA_EMP
DEPT.	YES	NO	NO	NO	

400

387

388

SCRIPT: \$TA\_COMBO-TA-COMBINATION RCV/DLV  
FIELD: SIGNDYNM-DELIVERED TO: NAME

385 SAVE 386 CANCEL

FIG.23



POPUP LIST FORMAT GENERATOR

### CREATE/MODIFY POPUP LIST FORMATS

FORMAT..... \$TA\_CAR      TA\_CARRIER LIST      OBJECT...      CAR ▾

SELECTED FIELDS:      AVAILABLE FIELDS:

LIST FILTER..... NO SETUP ▾      SEND TO J580..... ALWAYS ▾

<< < > >>      ADD      EDIT      DELETE      LIST      CLOSE

FIG.24

420